

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF COMMERCIAL FISHERIES

CALIFORNIA FISHERY MARKET NEWS MONTHLY SUMMARY

Part II—Fishing Information*

Sea-surface temperatures, fishing and research information
of interest to the West Coast tuna-fishing industry
and marine scientists

CONTENTS

1963

Bureau of Commercial Fisheries
Biological Laboratory

P. O. Box 6317, Pt. Loma Station
San Diego 6, California

* Part I - "Fishery Products Production and Market Data" is issued by the Bureau of Commercial Fisheries, Market News Service, Post Office Building, San Pedro, California

TABLE OF CONTENTS

JANUARY

Topographic Charts No. 20, 22, 23, and 24	
The U.S. Navy Picket Vessel Albacore	
Catch for 1962	Glenn A. Flittner
Sea-surface Temperature Charts	James A. Renner

FEBRUARY

Ocean Temperatures Unusually Warm This Year	James H. Johnson
Sea-surface Temperature Charts	James A. Renner

MARCH

Cooperative Bluefin Tagging Program -	
A Preliminary Report	Glenn A. Flittner & Robert A. Iselin
Notice to Prospective Offerers	Gerald V. Howard
Early Season Albacore Surveys and Radio	
Broadcasts to Albacore Fleet	
Errata	
Sea-surface Temperature Charts	James A. Renner

APRIL

Expedition CRISS-CROSS	Thomas E. Chase
Porpoise Tagged	
Tropical Storm Warnings	
Rerun of Tropical Sea Temperature Chart	
Sea-surface Temperature Charts	James A. Renner

MAY

Bluefin Tuna Crosses the Pacific	
Temperate Tuna Forecast 1963	Staff, Tuna Forecasting Program
Albacore Caught April 2 in North	
Pacific Ocean	
Charter of Albacore Troller <u>Polly Ann</u>	James H. Johnson
Sea-surface Temperature Charts	James A. Renner

JUNE

Sea-surface Temperature Charts	James A. Renner
--------------------------------------	-----------------

JULY

Tuna Seiners Assist Thermocline Study
Sea-surface Temperature Charts James A. Renner

AUGUST

1963 Bluefin Tagging Cruise Completed
Sea-surface Temperature Summary
Goes Automatic
Sea-surface Temperature Charts James A. Renner

SEPTEMBER

Sea-surface Temperature Charts James A. Renner

OCTOBER

Sea-surface Temperature Charts James A. Renner

NOVEMBER

Sea-surface Temperature Charts James A. Renner

DECEMBER

Topographic Charts
Sea-surface Temperature Charts James A. Renner

